

NEW NAMES FOR FIVE AMERICAN ASTERACEAE.

The new names proposed in this paper are based on the examination of the types of the species concerned by the writer in the summer of 1925.

***Vernonia tortuosa* (L.) Blake.**

Conyza tortuosa L. Sp. Pl. 2: 862. 1753.

Conyza scandens Mill. Gard. Dict. ed. 8. *Conyza* no. 11. 1768. Not

Vernonia scandens DC. 1836.

Vernonia schiedeana Less. *Linnaea* 6: 399. 1831.

The status of these names has been discussed by Britten.¹ Linnaeus' treatment in the *Species Plantarum* is the same as that given earlier in the *Hortus Cliffortianus* (p. 405), except that the long description given in the earlier work is omitted. In both places an unidentifiable Madagascan plant described by Vaillant is mentioned, but the lengthy description in the earlier work is based on a specimen in the *Hortus Cliffortianus* (now in the British Museum) of *Vernonia schiedeana*, collected at Veracruz by Houttoun and sent to Linnaeus by Philip Miller, and this plant is clearly to be taken as the type of the Linnaean name. Photographs of the type specimens of both *C. tortuosa* and *C. scandens* are now in the National Herbarium.

***Isocarpha microcephala* (DC.) Blake.**

Dunantia microcephala DC. Prodr. 5: 627. 1836.

Isocarpha divaricata Benth. Bot. Voy. Sulph. 110. pl. 41. 1844.

De Candolle's attribution of this species to Mexico was erroneous. Haenke's plant was undoubtedly collected in Peru.

***Verbesina parviflora* (H. B. K.) Blake.**

Helianthus parviflorus H. B. K. Nov. Gen. & Sp. 4: 222. Pl. 378. 1820.

Actinomeris stricta Hemsl. Biol. Centr. Amer. Bot. 2: 186. 1881.

Verbesina stricta A. Gray, Proc. Amer. Acad. 19: 13. 1883.

The type of *Helianthus parviflorus* is a specimen of the common *Verbesina stricta* in which the main axis has been injured and has thrown off two long 1-headed branches, as faithfully depicted in plate 378 of the "Nova Genera et Species."

***Blennosperma nanum* (Hook.) Blake.**

Chrysanthemum ? *nanum* Hook. Fl. Bor. Amer. 1: 320. 1834.

Coniothele californica DC. Prodr. 5: 531. 1836.

Blennosperma californicum Torr. & Gray, Fl. N. Amer. 2: 272. 1842.

Hooker's name was long ago referred by Gray² to *Blennosperma californicum*, but has been overlooked by later authors.

***Liabum hypoleucum* (DC.) Blake.**

Vernonia hypoleuca DC. Prodr. 5: 27. 1836.

Based on a plant said to have been collected in Mexico by Haenke, but probably, like some other Asteraceae so attributed, a Peruvian species.

—S. F. Blake.

¹Journ. Bot. Brit. & For. 36: 52. 1898.

²Syn. Fl. 12: 364. 1884.